

ERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
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NEWS 4 OCT 28 KOREAPAT now available on STN
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NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
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NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
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NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
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NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
February 2005
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian
Agency for Patents and Trademarks (ROSPATENT)

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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=> index bioscience

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SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
CROPV, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 15:49:31 ON 31 JAN 2005

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
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=> "alice Y. Ting"
29 FILES SEARCHED...
65 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE "ALICE Y. TING"

=> FIL MEDLINE CAPLUS		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.95	3.16

FILE 'MEDLINE' ENTERED AT 15:52:14 ON 31 JAN 2005

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=> FIL 1MOBILITY		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.83	3.99

FILE '1MOBILITY' ENTERED AT 15:52:59 ON 31 JAN 2005
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FILE COVERS 1906 TO 6 Jan 2005 (20050106/ED)

1MOBILITY and 2MOBILITY, which together comprise the Global Mobility
Database, can be accessed and searched together through the file
cluster MOBILITY. Type FILE MOBILITY to enter this cluster.

=> FIL BIOSIS		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.43	4.42

FILE 'BIOSIS' ENTERED AT 15:53:47 ON 31 JAN 2005
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 26 January 2005 (20050126/ED)

FILE RELOADED: 19 October 2003.

=> file biosis medline caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.85	5.27

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=> file biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.68	6.95

FULL ESTIMATED COST

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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 26 January 2005 (20050126/ED)

FILE RELOADED: 19 October 2003.

=> E TING ALICE Y/AU 25

E1	5	TING ALBERT C/AU
E2	8	TING ALBERT C W/AU
E3	11 -->	TING ALICE Y/AU
E4	1	TING ALICE YEN PING/AU
E5	1	TING ALISON Y/AU
E6	1	TING ALLAN/AU
E7	1	TING AN Y/AU
E8	1	TING AN YIE/AU
E9	4	TING ANDREW/AU
E10	1	TING ANGELA H/AU
E11	2	TING ANNIE K L/AU
E12	1	TING ANTHONY/AU
E13	14	TING ANTHONY E/AU
E14	1	TING ANTHONY EUGENE/AU
E15	1	TING ARTHUR J/AU
E16	9	TING B/AU
E17	2	TING B T/AU
E18	38	TING B T G/AU
E19	55	TING BEALL H P/AU
E20	12	TING BEALL H PING/AU
E21	2	TING BEALL HIE PING/AU
E22	1	TING BEALL P/AU
E23	1	TING BERRETH S A/AU
E24	2	TING BERRETH SHEREE/AU
E25	3	TING BERRETH SHEREE A/AU

=> S (E3)

L2 11 ("TING ALICE Y"/AU)

=> d ti 1-11

L2 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
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TI Genetically encoded fluorescent reporters of histone methylation in living
cells.

L2 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI In vitro evolution of biotin transferase mutants for site-specific
labeling of recombinant proteins in living cells.

L2 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Creating new fluorescent probes for cell biology.

L2 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Decoding NF-kappaB signaling.

L2 ANSWER 5 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Phage-display evolution of tyrosine kinases with altered nucleotide
specificity.

L2 ANSWER 6 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Genetically encoded fluorescent reporters of protein tyrosine kinase
activities in living cells.

L2 ANSWER 7 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
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TI Probing ion permeation and gating in a K⁺ channel with backbone mutations
in the selectivity filter.

L2 ANSWER 8 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Gating of a K⁺ channel by a dynamic selectivity filter.

L2 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Probing ion permeation in the K⁺ channel selectivity filter with backbone
mutations.

L2 ANSWER 10 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Single-molecule fluorescence spectroscopy of enzyme conformational
dynamics and cleavage mechanism.

L2 ANSWER 11 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
TI Molecular cloning of Schizosaccharomyces pombe cDNA encoding lanosterol
synthase and investigation of conserved tryptophan residues.

=> d ab bib 6, 3, 2, 1

L2 ANSWER 6 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
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AB The complexity and specificity of many forms of signal transduction are
widely believed to require spatial compartmentation of protein kinase and
phosphatase activities, yet existing methods for measuring kinase
activities in cells lack generality or spatial or temporal resolution. We
present three genetically encoded fluorescent reporters for the tyrosine
kinases Src, Abl, and epidermal growth factor (EGF) receptor. The
reporters consist of fusions of cyan fluorescent protein (CFP), a
phosphotyrosine binding domain, a consensus substrate for the relevant
kinase, and yellow fluorescent protein (YFP). Stimulation of kinase
activities in living cells with addition of growth factors causes 20-35%
changes in the ratios of yellow to cyan emissions because of
phosphorylation-induced changes in fluorescence resonance energy transfer
(FRET). Platelet-derived growth factor (PDGF) stimulated Abl activity
most strongly in actin-rich membrane ruffles, supporting the importance of
this tyrosine kinase in the regulation of cell morphology. These results
establish a general strategy for nondestructively imaging dynamic protein
tyrosine kinase activities with high spatial and temporal resolution in

single living cells.

AN 2002:99786 BIOSIS
 DN PREV200200099786
 TI Genetically encoded fluorescent reporters of protein tyrosine kinase activities in living cells.
 AU **Ting, Alice Y.**; Kain, Kristin H.; Klemke, Richard L.; Tsien, Roger Y. [Reprint author]
 CS Department of Pharmacology, Howard Hughes Medical Institute, University of California at San Diego, 9500 Gilman Drive, 310 CMM-W 0647, La Jolla, CA, 92093-0647, USA
 rtsien@ucsd.edu
 SO Proceedings of the National Academy of Sciences of the United States of America, (December 18, 2001) Vol. 98, No. 26, pp. 15003-15008. print.
 CODEN: PNASA6. ISSN: 0027-8424.
 DT Article
 LA English
 OS Genbank-AF440201; Genbank-AF440202; Genbank-AF440203
 ED Entered STN: 24 Jan 2002
 Last Updated on STN: 21 Mar 2002

L2 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:92262 BIOSIS
 DN PREV200300092262
 TI Creating new fluorescent probes for cell biology.
 AU Zhang, Jin; Campbell, Robert E.; **Ting, Alice Y.**; Tsien, Roger Y. [Reprint Author]
 CS Department of Pharmacology, Massachusetts Institute of Technology, 77, Massachusetts Avenue, 18-496, Cambridge, MA, 02139, USA
 rtsien@ucsd.edu
 SO Nature Reviews Molecular Cell Biology, (December 2002) Vol. 3, No. 12, pp. 906-918. print.
 ISSN: 1471-0072 (ISSN print).
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 12 Feb 2003
 Last Updated on STN: 12 Feb 2003

L2 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:448089 BIOSIS
 DN PREV200300448089
 TI In vitro evolution of biotin transferase mutants for site-specific labeling of recombinant proteins in living cells.
 AU Quinones, Elsa V. Arocho [Reprint Author]; **Ting, Alice Y.** [Reprint Author]
 CS Massachusetts Institute of Technology, 77 Mass. Ave., Cambridge, MA, 02139, USA
 SO Biophysical Journal, (February 2003) Vol. 84, No. 2 Part 2, pp. 176a. print.
 Meeting Info.: 47th Annual Meeting of the Biophysical Society. San Antonio, TX, USA. March 01-05, 2003. Biophysical Society.
 ISSN: 0006-3495 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 1 Oct 2003
 Last Updated on STN: 1 Oct 2003

L2 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2004:351131 BIOSIS
 DN PREV200400351583

TI Genetically encoded fluorescent reporters of histone methylation in living cells.
 AU Lin, Chi-Wang; Jao, Cindy Y.; Ting, Alice Y. [Reprint Author]
 CS Dept Chem, MIT, 77 Massachusetts Ave, Cambridge, MA, 02139, USA
 ating@mit.edu
 SO Journal of the American Chemical Society, (May 19 2004) Vol. 126, No. 19,
 pp. 5982-5983. print.
 ISSN: 0002-7863 (ISSN print).
 DT Article
 LA English
 OS DDBJ-AY422822; EMBL-AY422822; GenBank-AY422822; DDBJ-AY422823;
 EMBL-AY422823; GenBank-AY422823
 ED Entered STN: 26 Aug 2004
 Last Updated on STN: 26 Aug 2004

=> FIL STNGUIDE

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11.45	18.40

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0 LOGY

L3

0 LOGY

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NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced